Title (en)

VERIFYING AVAILABILITY OF IDLE-MODE MOBILE SUBSCRIBER STATIONS IN A WIRELESS ACCESS SYSTEM

Title (de)

VERIFIZIEREN DER VERFÜGBARKEIT VOM LEERLAUFMODUS-MOBILEINRICHTUNGS-TEILNEHMERSTATIONEN IN EINEM DRAHTLOSEN ZUGANGSSYSTEM

Title (fr)

VERIFICATION DE LA DISPONIBILITE DE STATIONS D'ABONNES MOBILES EN MODE VEILLE DANS UN SYSTEME D'ACCES SANS FIL

Publication

EP 1767036 A1 20070328 (EN)

Application

EP 05756764 A 20050625

Priority

- KR 2005001998 W 20050625
- KR 20040048431 A 20040625
- KR 20040053790 A 20040710
- KR 20040077649 A 20040925
- KR 20050019211 A 20050308

Abstract (en)

[origin: US2006009242A1] A method of verifying of a mobile subscriber station that is in an idle-mode includes requesting to a base station by the mobile subscriber station to enter an idle-mode, wherein the base station is associated with a paging group comprising a plurality of base stations, and receiving from the base station an idle-mode response command to enter the idle-mode. The method also includes receiving from the base station a paging command comprising an action code associated with performing ranging while the mobile subscriber station is in the idle-mode to verify availability of the mobile subscriber station with respect to the base station, wherein if the ranging is not successfully preformed with the base station during a predetermined period, the base station continues to transmit the paging command until a paging retrial count reaches a predetermined threshold.

IPC 8 full level

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CPC (source: EP US)

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DOCDB simple family (publication)

US 2006009242 A1 20060112; **US 7505775 B2 20090317**; AU 2005257642 A1 20060105; AU 2005257642 B2 20090730; BR PI0511403 A 20071204; CA 2569425 A1 20060105; CA 2569425 C 20140603; CN 100596225 C 20100324; CN 101730229 A 20100609; CN 101730229 B 20161207; CN 1973571 A 20070530; EP 1767036 A1 20070328; EP 1767036 B1 20121031; EP 2552164 A2 20130130; EP 2552164 A3 20150218; EP 2552164 B1 20180905; IL 180227 A0 20070704; IL 180227 A 20110927; JP 2008503977 A 20080207; JP 4654241 B2 20110316; MX PA06014980 A 20070321; PL 1767036 T3 20130329; US 11323960 B2 20220503; US 2007197219 A1 20070823; US 2009156192 A1 20090618; US 2009170534 A1 20090702; US 2009170535 A1 20090702; US 2014087771 A1 20140327; US 2016278008 A1 20160922; US 2019268844 A1 20190829; US 2020205071 A1 20200625; US 7505776 B2 20090317; US 8380227 B2 20130219; US 8583147 B2 20131112; US 8606303 B2 20131210; US 9357486 B2 20160531; WO 2006001673 A1 20060105

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